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U. S. Department of Agriculture - Forest Service
CENTRAL STATES FOREST EXPERIMENT STATION
In Cooperation With
Ohio Agricultural Experiment Station
OHIO DIVISION OF FORESTRY

Technical Note 14.

August 15, 1940.

VOLUME TABLE ^{1/}
for
PASSWOOD
(*Tilia glabra*)
Stark County, Ohio

Merchantable Stem to a Variable Top Diameter					INTERNATIONAL Rule ($\frac{1}{4}$ " Kerf)
Diameter breast high outside bark (inches)	Volume of stem in 16.3-foot logs to merchantable height				Basis in trees
	1 log	2 logs	3 logs	4 logs	
	Bd.ft.	Bd.ft.	Bd.ft.	Bd.ft.	Number
10	26	53	79		3
11	34	68	101		5
12	42	85	125		8
13	51	104	155		6
14	60	124	183	243	4
15	72	146	216	282	8
16		168	246	323	10
17		190	280	365	5
18		212	310	410	4
19		235	345	455	4
20		259	380	500	2
21		307	417	546	2
22			453	593	3
23			490	644	2
24			528	697	1
Basis in trees-- number	10	23	24	10	67

1/ Trees climbed and measured by personnel of Work Projects Administration Official Project 65-1-42-166 - "The Ohio Woodland Survey." Measurements taken at 16-foot log lengths above a 2.0-foot stump height. Scaled as 16-foot logs, and additional shorter top logs; top sections less than 8 feet in length scaled as fractions of an 8-foot log. Table prepared in 1940, by the equation method. Coefficient of multiple correlation (R) = 0.984. Standard error of estimate, 86.1 to 116.1 percent. Block shows limits of basic data.

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